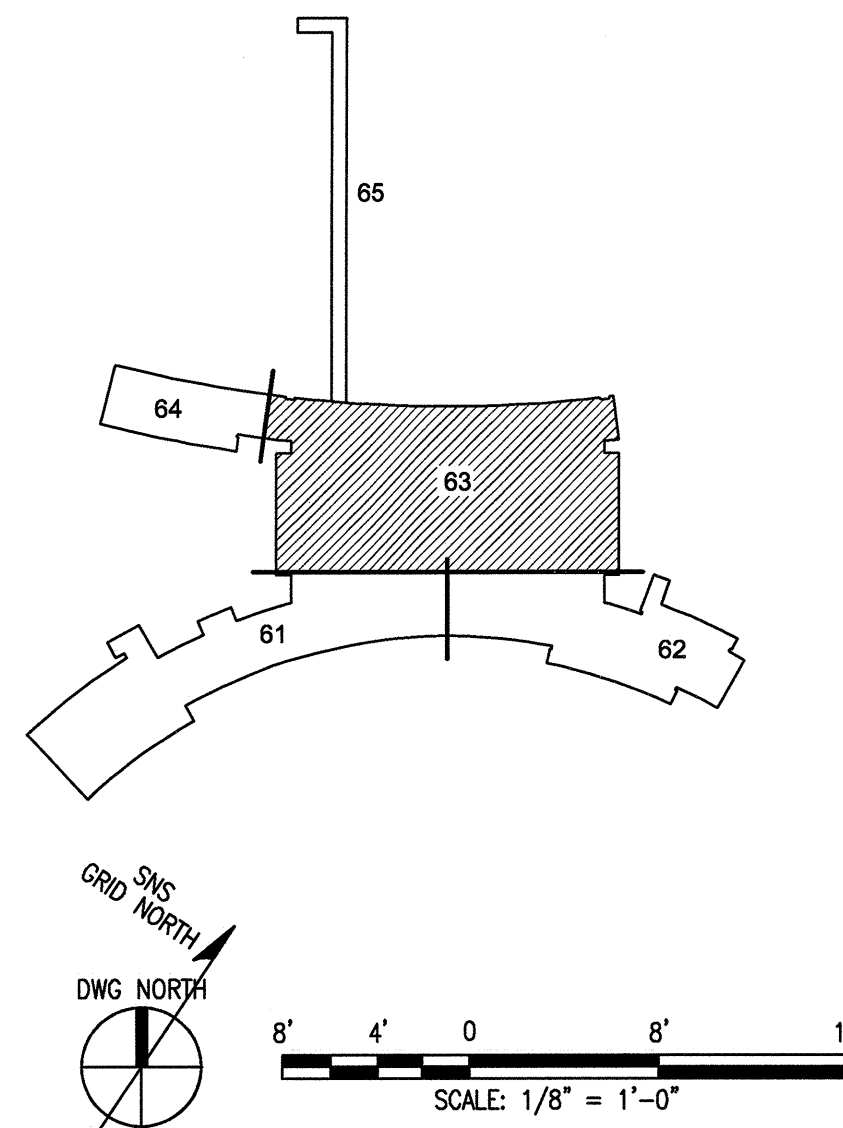


SHEET KEYNOTES

- N002 FINISHED SLAB ELEVATION OF SERVICE YARD IS 1037.75
- N003 PW/POW LINES SHALL BE RUN AT A ELEVATION OF 1048.0. PIPING SHALL PENETRATE THE FOUNDATION WALL AND BE FLANGED APPROXIMATELY 6" INCHES FROM THE INTERIOR FACE OF THE WALL. EXTERIOR PIPING SHALL EXTEND 5 FEET AND BE CAPPED.
- N006 EXTERIOR PIPING SHALL EXTEND 5' FEET FROM BUILDING AND BE CAPPED.
- N007 PIPES TO BE STUBBED 12" AFF WITH BLIND FLANGE FOR FUTURE CONNECTION.
- N008 SUMP BASIN: 30" DIA. X 5'-0" DEEP. THE POLYFIBER BASIN SHALL BE ENCASED IN CONCRETE PIT (50" I.D. W/ 6" WIDE WALLS). STEEL BASE PLATES TO BASIN TO PIT.
- N009 GREASE INTERCEPTOR: 23"W X 32-1/4" LONG X 53-1/2" DEEP. INLET INVERT AT -2'-10" (1053.69) BELOW FINISHED FLOOR. INTERCEPTOR TO BE ENCASED IN 6" THICK CONCRETE ENCASEMENT PIT. ALLOW 2" +/- GROUT TO SET FLUSH WITH FLOOR.
- N010 BACKFLOW PREVENTER SHALL BE OF THE REDUCED PRESSURE TYPE
- N011 PROVIDE LOCKABLE BALL VALVE PER SPECIFICATION 15100

KEYNOTES

- ① 1/2" SWH, 1/2" SWG & 1-1/4" V DOWN INSIDE WALL TO COFFEE STATION. FIXTURES TO INCLUDE SINK AND FAUCET SET.
- ② 1/2" PW, 1/2" SWH & 1-1/2" V DOWN INSIDE WALL TO LAB SINK. 1/2" PW & 1/2" SWH DOWN TO FUME HOOD. HOOD CUP SINK AND FAUCETS FURNISHED BY HOOD VENDOR. LAB SINK & EYE WASH FURNISHED BY LAB CASEWORK VENDOR. PROVIDE GOOSENECK LAB SINK FAUCET SET EQUAL TO CHICAGO FAUCET MODEL 8943 GZBWB WITH INTEGRAL VACUUM BREAKER & WRIST HANDLES. ROUTE HORIZONTAL PIPING IN CASEWORK PIPE CHASE ON UNSTRUT SUPPORTS
- ③ 1-1/2" SWH DOWN INSIDE WALL TO EMERGENCY EYEWASH AND SHOWER. EYEWASH & SHOWER STATION SHALL BE EQUAL TO GUARDIAN MODEL 1950 WITH BALL VALVE & PULL RING. SEE DETAIL 11/P6.10.01
- ④ 1/2" PW, 1/2" SWH, 1/2" DIS, 1/2" DIR & 1-1/4" V DOWN INSIDE WALL TO LAB SINK. LAB SINK & HAND EYEWASH FURNISHED BY CASEWORK VENDOR. FOR PW & PW: PROVIDE GOOSENECK LAB SINK FAUCET SET EQUAL TO CHICAGO FAUCET MODEL 8943 GZBWB WITH INTEGRAL VACUUM BREAKER & WRIST HANDLES. FOR DIS: PROVIDE GOOSENECK FAUCET EQUAL TO CHICAGO FAUCET MODEL 8708



108031400-P8E-8600-A085

**Knight**  
Knight Advanced Technology  
845 East Hastings Street  
Chicago, IL 60605

**UT-BATTELLE**  
Oak Ridge National Laboratory  
managed for the DEPARTMENT OF ENERGY under  
U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725  
UT-BATTELLE, LLC, a DOE Entity

PROJECT NAME:  
**SPALLATION NEUTRON SOURCE  
CENTRAL LAB AND OFFICE BUILDING  
PLUMBING FLOOR PLAN  
LEVEL 3, SECTOR 63 - ALTERNATE #1A**

REV	DATE	DESCRIPTION	BY	CHK	DATE	REV	DATE	DESCRIPTION	BY	CHK	DATE
1	4/8					3	P				
2	5					4	X				
3	5					5	X				
4	5					6	X				
5	5					7	X				
6	5					8	X				
9	5					10	X				
11	5					12	X				
13	5					14	X				
15	5					16	X				
17	5					18	X				
19	5					20	X				
21	5					22	X				
23	5					24	X				
25	5					26	X				
27	5					28	X				
29	5					30	X				
31	5					32	X				
33	5					34	X				
35	5					36	X				
37	5					38	X				
39	5					40	X				
41	5					42	X				
43	5					44	X				
45	5					46	X				
47	5					48	X				
49	5					50	X				
51	5					52	X				
53	5					54	X				
55	5					56	X				
57	5					58	X				
59	5					60	X				
61	5					62	X				
63	5					64	X				
65	5					66	X				
67	5					68	X				
69	5					70	X				
71	5					72	X				
73	5					74	X				
75	5					76	X				
77	5					78	X				
79	5					80	X				
81	5					82	X				
83	5					84	X				
85	5					86	X				
87	5					88	X				
89	5					90	X				
91	5					92	X				
93	5					94	X				
95	5					96	X				
97	5					98	X				
99	5					100	X				
101	5					102	X				
103	5					104	X				
105	5					106	X				
107	5					108	X				
109	5					110	X				
111	5					112	X				
113	5					114	X				
115	5					116	X				
117	5					118	X				
119	5					120	X				
121	5					122	X				
123	5					124	X				
125	5					126	X				
127	5					128	X				
129	5					130	X				
131	5					132	X				
133	5					134	X				
135	5					136	X				
137	5					138	X				
139	5					140	X				
141	5					142	X				
143	5					144	X				
145	5					146	X				
147	5					148	X				
149	5					150	X				
151	5					152	X				
153	5					154	X				
155	5					156	X				
157	5					158	X				
159	5					160	X				
161	5					162	X				
163	5					164	X				
165	5					166	X				
167	5					168	X				
169	5					170	X				
171	5					172	X				
173	5					174	X				
175	5					176	X				
177	5					178	X				
179	5					180	X				
181	5					182	X				
183	5					184	X				
185	5					186	X				
187	5					188	X				
189	5					190	X				
191	5					192	X				
193	5					194	X				
195	5					196	X				
197	5					198	X				
199	5					200	X				
201	5					202	X				
203	5					204	X				
205	5					206	X				
207	5					208	X				
209	5					210	X				
211	5					212	X				
213	5					214	X				
215	5					216	X				
217	5					218	X				
219	5					220	X				
221	5					222	X				
223	5					224	X				
225	5					226	X				
227	5					228	X				
229	5					230	X				
231	5					232	X				
233	5					234	X				
235	5					236	X				
237	5					238	X				
239	5					240	X				
241	5					242	X				
243	5					244	X				
245	5					246	X				
247	5					248	X				
249	5					250	X				
251	5					252	X				
253	5					254	X				
255	5					256	X				
257	5					258	X				
259	5					260	X				
261	5					262	X				
263	5					264	X				
265	5					266	X				
267	5					268	X				
269	5					270	X				
271	5					272	X				
273	5					274	X				
275	5					276	X				
277	5					278	X				
279	5					280	X				
281	5					282	X				
283	5					284	X				
285	5					286	X				
287	5					288	X				
289	5					290	X				
291	5					292	X				
293	5					294	X				
295	5					296	X				
297	5					298	X				
299	5					300	X				
301	5					302	X				
303	5					304	X				
305	5					306	X				
307	5					308	X				
309	5					310	X				
311	5					312	X				
313	5					314	X				
315	5					316	X				
317	5					318	X				
319	5					320	X				
321	5					322	X				
323	5					324	X				
325	5					326	X				
327	5					328	X				
329	5					330	X				
331	5					332	X				
333	5					334	X				
335	5					336	X				
337	5					338	X				
339	5					340	X				
341	5					342	X				
343	5					344	X				